

EFFICACY REVIEW

DATE: IN 3- 4-97 OUT 4-16-97

FILE OR REG. NO. 67505-L

PETITION OR EXP. PERMIT NO. \_\_\_\_\_

DATE DIV. RECEIVED February 26, 1997

DATE OF SUBMISSION February 24, 1997

DATE SUBMISSION ACCEPTED \_\_\_\_\_

TYPE PRODUCT(S): (I,)D, H, F, N, R, S Insect Growth Regulator

DATA ACCESSION NO(S) . 442249-01;D233964;S519481;Case#060802;AC:166

PRODUCT MGR. NO. 10-Keigwin/Tavano

PRODUCT NAME(S) ECTO F724 Product

COMPANY NAME ECTO Development Corporation

SUBMISSION PURPOSE Provide performance data in support of claims of  
control of adults, pupae, larvae and eggs of the  
cat flea for up to 3 months when applied to cats.

CHEMICAL & FORMULATION Pyriproxyfen: 2-[1-methyl-2-(4-phenoxyphen-  
oxy) ethoxy] pyridine 5.3%  
(8.42 lbs./gal. aqueous ready-to-use 'spot-on')

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession  
(MRID) Number 442249-01, having been obtained from a standard ken-  
nel test meeting the requirements of § 95-9(a)(2) and (3) on p. 263  
and the standard of § 95-9(b)(2)(i) on p. 264 of the Product Per-  
formance Guidelines, and the GLP requirements of 40 CFR 160, are  
adequate to demonstrate the ability of the subject product to pre-  
vent the appearance of adult fleas on cats for up to 3 months fol-  
lowing a single application of 1.5 milliliters as a 'spot-on' to  
the cat's back from the back of the head to the base of the spine.  
These data are adequate to support the following claims on the  
front panel: "Breaks Flea Life Cycle!", "Kills Flea Eggs for Three  
Months!", "Kills Hatching Flea Eggs for Three Months!", "Prevents  
Flea Eggs from Developing into Biting, Breeding Adults for Three  
Months!", "Prevents Fleas on Treated Cats from Infesting (Reinfest-  
ing) Your Home for Three Months!", "Aids in the Control of Flea  
Populations!", "Prevents Fleas on Your Cat from Continuing to In-  
fest Your House!" and "Prevents New Fleas from Growing Up to Bite".

NAC Vern L. McFarland, IRB